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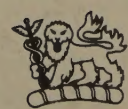
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Physics Abstracts

Science Abstracts Series A
January-June 1978

Author Index

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SIX-MONTHLY INDEXES TO SCIENCE ABSTRACTS

Cumulative indexes to Science Abstracts are published twice a year covering the period January-June and July-December. They comprise author and subject indexes and some specialised or 'small' indexes. For Physics Abstracts and Electrical & Electronics Abstracts the Author Index and Subject Index are published as separate volumes. In this case the Small Indexes are included in the Author Index volume.

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This lists in alphabetical order all authors of papers abstracted in the abstracts journal during the six months covered by the index, together with the title of the paper. Where there are co-authors of a paper the title of the paper is given only under the name of the first author. The serial number of the paper in the abstracts journal is in the form 8-12345, ie 1978—abstract no. 12345.

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Errata

Physics Abstracts

Entry 37673 of 16th May 1977, publisher's name should read Reidel.

Entries 71687, 71688, 71704, 71661, 71640, 71662 and 71663 of 17th October 1977, journal number should read 260 *not* 257.

Entries 74815, 78173, 78174, 78432, 78729, 78819 and 78838 of 1st November 1977, journal date should read 1976.

Entry 16139 of 15th February 1978, editor's name should read R.H. Golde

Entries 23610, 21151, 23170-2, 23611-12 and 23620, conference title should read Proceedings of the Symposium on Dielectric Thin Films on Semiconductor Devices, held Princeton, NJ, USA, 4th May 1977.

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Annual review of astronomy and astrophysics, vol.15; G.Burbidge, D.Layzer, J.G.Phillips (editor/s), [Palo Alto, CA, USA: Annual Reviews Inc. 1977] 24473
Annual review of materials science, vol.7; R.A.Huggins (editor/s), [Palo Alto, Calif., USA: Annual Reviews 1977] 11089 (introductory abstract), 9420, 10043-4, 10403, 10429, 10548, 10587, 11117; 11140, 11199, 11334, 11350, 11444, 11484, 11558
Annual review of physical chemistry, vol.28, 1977; B.S.Rabinovitch, J.M.Schurr, H.L.Strauss (editor/s), [Palo Alto, CA, USA: Annual Reviews Inc. 1977] 36944, 37038, 37081, 37552, 37644, 37678, 37697, 37725, 37758, 38603-4, 38611, 39436, 39653, 39668, 40019
Applications of linear algebra, second edition; H.Anton, [Chichester, England: Wiley 1977, £3.25] 12532
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Astronomical catalogues 1951-75; M.J.Collins (editor/s), [London, England: IEE 1977, £55 (UK & World), \$110 (USA and Canada)] 20658
Astronomical handbook for Southern Africa 1978; [Cape Town, South Africa: Astronomical Soc. Southern Africa 1977] 32626
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Astronomy. Structure of the universe; A.E.Roy, D.Clarke, [Bristol, England: Adam Hilger 1977, £10.00] 32628
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Electron spectroscopy. Theory, techniques and applications, vol.I; C.R.Brundle, A.D.Baker, [London, England: Academic Press 1977, £24.00] 16896-7, 17714-18, 20134-5
Encyclopedia of mathematics and its applications, vol.4. Symmetry and separation of variables; W.Miller, [London, England: Addison-Wesley 1977, £21.50] 36798
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Handbook on the ultrasonic examination of welds; [Abington, Cambs., England: Welding Inst. 1977] 48608
Harmonic analysis; V.K.Dobrev, G.Mack, V.B.Petkova, S.G.Petrova, I.T.Todorov, [Berlin, Germany: Springer-Verlag 1977, \$11.00] 28917
Heat and mass transfer data book; C.P.Kothandaraman, S.Subramanyan, [Chichester, England: Wiley 1977, £2.75] 154
Holographic recording materials; H.M.Smith (editor/s), [Berlin, Germany: Springer-Kerlag 1977, \$34.00] 25830-8
Horizons in biochemistry and biophysics, vol.3; E.Quagliariello, F.Palmeri, T.P.Singer (editor/s), [Reading, Mass., USA: Addison-Wesley 1977] 7315
Hydrogen stopping powers and ranges in all elements; H.H.Anderson, J.F.Ziegler, [Oxford, England: Pergamon 1977, \$29.50] 26607
Impact wear of materials; P.A.Engel, [Amsterdam, Netherlands: Elsevier 1976, \$44.95] 48544
Introduction to polymer science and technology: An SPE textbook; H.S.Kaufman, J.J.Falcetta (editor/s), [Chichester, England: Wiley 1977, \$35.00] 48363
Isotopes in day to day life; [Vienna, Austria: IAEA 1977] 35947
Laser applications in medicine and biology vol.3; M.L.Wolbarsht (editor/s), [New York, USA: Plenum 1977, \$33.00] 48830, 48857-60
Lasers and excited states of rare earths; R.Reisfeld, C.K.Jorgensen, [Berlin, Germany: Springer-Verlag 1977, \$29.50] 29958
Lectures on density wave theory; K.Rohlfis, [Berlin, Germany: Springer-Verlag 1977, \$8.30] 36700
Lightning; R.H.Galde (editor/s), [London, England: Academic Press 1977, £38.00] 16139
Liquid chromatography detectors; R.P.W.Scott, [Amsterdam, Netherlands: Elsevier 1977, \$34.50] 15751
Magnetism and metallurgy of soft magnetic materials; C.W.Chen, [Amsterdam, Netherlands: North-Holland 1977, \$71.50] 31029
Mammalian cell membranes vol.4. Membranes and cellular functions; G.A.Jamieson, D.M.Robinson (editor/s), [London, England: Butterworth 1977, £18.00] 15784-6, 15803-7, 15813-15
Mammalian cell membranes, vol.5. Responses of plasma membranes; G.A.Jamieson, D.M.Robinson (editor/s), [London, England: Butterworth 1977, £18.00] 15760, 15787-92, 15808-9, 15816, 15875
Mass spectrometry, vol.4; [London, England: Chem. Soc. 1977] 318 (introductory abstract), 319-25, 3437
Materials and energy; selected topics; J.H.Wernick (editor/s), [Amsterdam, Netherlands: North-Holland 1977, \$36.75] 15306
Methods and practice for stress and strain measurement; P.Stanley (editor/s), [Newcastle upon Tyne, England: British Soc. for Strain Measurement 1977] 19988
Mission to Earth: Landsat views the world; N.M.Short, P.D.Lowman, [Washington, D.C., USA: Nat. Astronautics and Space Administration 1976] 7643
Monographs on astronomical subjects. Magnetohydrodynamics; T.G.Cowling, [Bristol, England: Adam Hilger 1976, £10.00] 40816
Monographs on astronomical subjects. The origin of the planets; I.P.Williams, [Bristol, England: Adam Hilger 1975, £8.00] 32625
Noncoherent optical processing; G.L.Rogers, [Chichester, England: Wiley 1977, £12.65] 42294
Optical and infrared detectors; R.J.Keyes (editor/s), [Berlin, Germany: Springer-Verlag 1977, \$7.90] 37066-70, 38026
Optics and information theory; F.T.S.Yu, [London, England: Wiley 1976, £11.00] 5435
Optics and lasers; M.Young, [Berlin, Germany: Springer-Verlag 1977, \$22.90] 22079
Orbital motion; A.E.Roy, [Bristol, England: Adam Hilger 1977, £12.50] 40809
Photoelectron statistics; B.Saleh, [Berlin, Germany: Springer-Verlag 1977, \$31.30] 25842

Planar optical wave-guides and fibres; H.G.Unger, [Oxford, England: Clarendon Press, Oxford 1977, £18.00] 42426

Practical methods in electron microscopy, vol.5; A.M.Glauert (editor/s), [Amsterdam, Netherlands: North-Holland 1977] 4739

Preparation and crystal growth of materials with layered structures; R.M.A.Lieth, [Dordrecht, Holland: Reidel 1977] 19646-51, 19661

Pulsars; F.G.Smith, [Cambridge, England: Cambridge 1977, £9.50] 8035

Qualitative methods in elasticity; P.Villaggio, [Groningen, Netherlands: Noordhoff 1977, \$112.50] 20969

Radio galaxies; A.G.Pacholczyk, [Oxford, England: Pergamon 1977, \$25.00] 24564

Research techniques in nondestructive testing, vol.III; R.S.Sharpe (editor/s), [London, England: Academic Press 1977, \$39.00] 44340

Solar noise storms; E.O.Elgaroy, [Oxford, England: Pergamon 1977, \$18.00] 20810

Special topics in electrochemistry; P.Rock, [Amsterdam, Netherlands: Elsevier Sci. Publishing Co. 1977, \$39.50] 8196-205

Stochastic processes. A survey of the mathematical theory; J.Lamperti, [Berlin, Germany: Springer-Verlag 1977, \$9.80] 21072

The Cambridge Encyclopaedia of Astronomy; S.Mitton (editor/s), [London, England: Jonathan Cape 1977, £15.00] 45199

The numerical treatment of integral equations; C.T.H.Baker, [London, England: Clarendon Press, Oxford 1977, £22.50] 41143

The sea. Ideas and observations on progress in the study of the seas.

Vol.6. Marine modeling; E.D.Goldberg, I.N.McCave, J.J.O'Brien, J.H.Steele (editor/s), [Chichester, England: Wiley 1977, \$59.50] 15993-8, 16047-57, 16162

The state of the art in numerical analysis; D.A.H.Jacobs (editor/s), [London, England: Academic Press 1977, \$39.00] 20953

Theory of group representations and applications; A.O.Barut, R.Raczka, [Warsaw, Poland: Polish Sci. Publishers 1977] 32652

Troite d'electricite, vol.III. Electromagnetisme (Treatise on Electricity, vol.III. Electromagnetism); F.Gardioli, [St. Saphorin, Switzerland: Georgi 1977, Sfr.44.50] 13640

Tunnelling and negative resistance phenomena in semiconductors; D.K.Roy, [Oxford, England: Pergamon 1977, \$17.50] 26947

Turbulence seminar; A.Dold, B.Eckmann (editor/s), [Berlin, Germany: Springer-Verlag 1977] 46938-45, 46955, 47002

Uncertainty principle and foundations of quantum mechanics. A fifty year survey; W.C.Price, S.S.Chissick (editor/s), [Chichester, Sussex, England: Wiley 1977, \$38.00] 29000

Vibrational spectra and structure, vol.6. A series of advances; J.R.Durig (editor/s), [Amsterdam, Netherlands: Elsevier 1977, \$59.60] 21894, 21910-11, 21931, 22177, 22623

Vibrational spectroscopy-modern trends; A.J.Barnes, W.J.Orville-Thomas (editor/s), [Amsterdam, Netherlands: Elsevier 1977, \$49.95] 13503

X-ray optics. Applications to solids; H.J.Queisser (editor/s), [Berlin, Germany: Springer-Verlag 1977, \$35.00] 42859-64

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Aerospace and electronics; Dayton, Ohio, USA, 17-19 May 1977, (IEEE; et al.) [New York, USA: IEEE 1977] 13816, 15778, 15822, 15825, 15890, 15916, 17947, 20569, 24708

Aerospace instrumentation; Las Vegas, Nev., USA, 1-5 May 1977, (ISA) B.Washburn (editor/s), [Pittsburgh, Pa., USA: ISA 1977] 12075 (introductory abstract), 8206, 8400, 8405, 9477, 11603, 11692, 11781, 12679, 12688, 12702, 12711-12, 13308, 13855, 13878, 14115-17, 15641, 16272-6, 17309, 18144, 20340, 20620-1

Aerospace instrumentation tutorial; Las Vegas, Nev., USA, 1-5 May 1977, (ISA) B.Washburn (editor/s), [Pittsburgh, Pa., USA: ISA 1977, \$5.50] 12074 (introductory abstract), 11489

American Nuclear Society Annual Meeting 1977; New York, USA, 12-16 June 1977, (American Nucl. Soc.) [1977] 663 (introductory abstract), 668-9, 678-83, 706-15, 722-8, 740, 747-813, 822, 4427-34, 4443-9, 4570-1, 4945-6, 4988, 4996-8, 5003-6, 5013, 5022-31, 5055-9, 5062-3, 5089-91, 5109, 6618, 7157-8, 7299-303, 7440-4, 7453-4, 7476, 7589, 7665, 7679, 7758-61, 7817, 8868-9, 8876-94, 8903-9, 8916-46, 8957-9, 8964-5, 8972-3, 9000-3, 9038, 9047-8, 10099-105, 11601-2, 11732, 11747, 11791-2, 11832-40, 11917, 11991-4, 12027, 13103, 13184, 13195-8, 13207-27, 13231-46, 13261-307, 13310-13, 13316, 13324-7, 13344, 13348, 13398, 13400-3, 14074, 14387-92, 15532, 15589, 15634, 15723, 15913, 17274-6, 17298-308, 17317-25, 17345-88, 17401-4, 17419-32, 17438, 17446-7, 17543-5, 18375, 18383-5, 18441, 21622, 21631-5, 21660, 21688-98, 21747-52, 23745, 25158, 25197, 25257-8, 25263-79, 25288-91, 25309-10, 25322, 29558-61, 29611, 33241-6, 33254-6, 33272-80, 33300, 33725-6, 34345, 34374, 35768

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Automotive technology and automation.II; Wolfsburg, Germany, 12-15 Sept. 1977, [Croydon, England: Automotive Automation Ltd. 1977] 23560

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Chemically induced magnetic polarization; Sogesta, Italy, 17-30 April 1977, L.T.Muus, P.W.Atkins, K.A.McLauchlan, J.B.Pederson (editor/s), [Dordrecht, Netherlands: Reidel 1977, \$38.00] 13523 (introductory abstract), 13524-31, 13534-8, 13548, 19992

Circuit CAD; Hull, England, 12-14 July 1977, (Univ. Hull; IEEE) [Hull, England: Univ. Hull 1977] 29876

Clay minerals; New Delhi, India, 10-12 Oct. 1972, [1975] 7617 (introductory abstract),

Colloid and surface science; Budapest, Hungary, 15-20 Sept. 1975, [1976] 11567 (introductory abstract), 9950, 10263, 10281-2, 11568-72

Communication technology; Berne, Switzerland, 16 Sept. 1977, [Dec. 1977] 48792

Compound semiconductor interfaces; Princeton, NJ, USA, 8-10 Feb. 1977, [July-Aug. 1977] 2305

Computer processed cardiogram, trends; Amsterdam, Netherlands, 3-5 Nov. 1976, (Comm. European Communities; Netherland Heart Found.; et al.) J.H.Van Bemmel, J.L.Willems (editor/s), [Amsterdam, Netherlands: North-Holland 1977] 7477 (introductory abstract), 7478-516, 11762-9, 15920-1

Computer simulation for [materials applications]; Gaithersburg, MD, USA, 19-21 April 1976, (Nuclear Metall. Committee of the American Inst. Metall. Engr(s). et al.) [Washington, DC, USA: Nat. Bur. Standards 1976] 27387 (introductory abstract),

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Cosmic rays; Plovdiv, Bulgaria, Aug. 1977, [Budapest, Hungary: Central Res. Inst. Physics 1977] 49239 (introductory abstract), 49242, 49245, 49247-8, 49253-6, 49263, 49265

Cretaceous-Tertiary extinctions; Ottawa, Canada, 16-17 Nov. 1976, [Ottawa, Canada: Nat. Museums of Canada 1977] 31999 (introductory abstract), 32013, 32215, 32435, 32499-500

Crystal growth; Cambridge, MA, USA, 17-22 July 1977, (AACG; IOCG; et al.) [Dec. 1977] 27388 (introductory abstract), 26463-70, 26766, 26783-6, 26802, 26975, 27390-1, 30036, 30516, 30543, 30555-68, 30575, 30627-8, 30649-50, 30772, 30842-3, 30852-4, 31166, 31306-11, 31313-17, 31319-36, 31338, 31345-51, 31394-7, 31764, 31780, 32072, 39674-5

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Digital signal processing; Loughborough, England, 6-9 Sept. 1977, [London, England: IERE 1977] 40322

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Drag reduction and turbulence structure; Washington, DC, USA, 7-12 June 1976, [Oct. 1977] 22329 (introductory abstract), 22315, 22330-1, 22336-8, 22368, 22378-86, 22414, 22419, 22426, 24772, 26102, 26106-15, 26159-66, 26178-9, 26190, 26193-6, 26222, 28242

Earth resources electronics; Rome, Italy, 28-30 March 1977, [Rome, Italy: Rassegna Internat. Elettronica Nucleare & Aerospaziale 1977] 3828

Earth's near space environment; New Delhi, India, 18-20 Feb. 1975, [March 1977] 37745, 40613-17, 40734-7, 40739-41, 40743-4, 40865, 40881

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Electrical and electronics conference; Toronto, Canada, 26-28 Sept. 1977, (IEEE) [New York, USA: IEEE 1977] 41283-4, 41308, 42275, 44380, 44558, 44614, 44618-19, 45059, 45197, 48848, 48891

Electrochemical Society, Spring meeting; Philadelphia, Pa., USA, 8-13 May 1977, (Electrochem. Soc.) [Princeton, N.J., USA: Electrochem. Soc. 1977] 6837 (introductory abstract), 4740, 4755-6, 5472, 5531, 6026, 6054, 6083-8, 6092-5, 6098, 6107-8, 6243-5, 6335, 6338-9, 6453-5, 6466, 6571, 6633, 6653, 6770-8, 6781, 6784, 6789-93, 6842-3, 6871, 6913-14, 7067-73, 7093-101, 7447-51, 7464, 8460, 9385, 9398, 9504-8, 9912, 9924, 10037, 10045, 10055, 10057,

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- Gallium;** Marseille, France, 5-6 Nov. 1976, [Sept. 1977] 18766, 18922, 19704, 19724
- General relativity;** Trieste, Italy, 7-12 July 1975, (Internat. Centre for Theoretical Phys.; Univ. Trieste et al.) R.Ruffini (editor/s), [Trieste, Italy: North-Holland 1977, \$40.95] 8285 (introductory abstract), 8286-99, 8301-4, 8308-10, 8313-19, 8327-9, 8332-3, 8568, 9770, 12264, 12267, 12278-88, 12441-5
- Glass;** Prague, Czechoslovakia, 4-8 July 1977, [Aug.-Sept. 1977] 2010 (introductory abstract), 1332, 2011-18, 2479, 3162
- Glass;** Prague, Czechoslovakia, 4-8 July 1977, [Oct.-Nov. 1977] 3083-91, 3306-8, 3698, 3936
- High energy physics-contacts with other physics fields;** Schladming, Austria, 24 Feb. - 5 March 1977, [1977] 8494 (introductory abstract), 8230, 8255-6, 8338, 8367, 8495-8, 8561, 8563, 8570, 8583, 8858-9, 9281-2, 12059, 12268, 12435
- High-polymer physics;** San Diego, CA, USA, 21-24 March 1977, [Oct. 1977] 14292 (introductory abstract), 13918, 14283, 14293-6, 14421, 14461, 14471, 14474, 15444, 15455-8, 15500, 15533-4
- High resolution IR and sub-mm spectroscopy;** Bonn, Germany, 8-10 March 1977, [Nov. 1977] 12778 (introductory abstract), 12675, 12753-5, 13724, 13732-3, 16293-8, 16309, 16335-6, 16432-3, 16531
- High speed photography;** Toronto, Canada, 1-7 Aug. 1976, (Soc. Photo-Optical Instrumentation Engr(s); Soc. Motion Picture Television Engr(s); et al) M.C.Richardson (editor/s), [Washington, DC, USA: Soc. Photo-Optical Instrumentation Engr(s). 1977] 32912 (introductory abstract), 32789, 32867, 33902-9, 36970, 36978, 37093-9, 37121, 37839-42, 37958, 38030-7, 38431-5, 38493, 38546-50, 38571, 39919, 40016, 41362, 41364-8, 41392-7, 41400, 42295, 42306-7, 42354, 42366, 42399-401, 42427-9, 42654, 42693-6, 42822-30, 44223, 44341-4, 44379, 44743, 45229
- Highlights of astronomy;** Grenoble, France, Aug. 1976, (IAU) E.A.Muller (editor/s), [Dordrecht, Netherlands: Reidel 1977] 16316 (introductory abstract),
- Highlights of astronomy.I;** Grenoble, France, Aug. 1976, (IAU) E.A.Muller (editor/s), [Dordrecht, Netherlands: Reidel 1977] 12076, 12082-3, 12131, 12145, 12352, 12374, 12382-7, 12397-8, 12424-32
- Highlights of astronomy.II;** Grenoble, France, Aug. 1976, (IAU) E.A.Muller (editor/s), [Dordrecht, Netherlands: Reidel 1977] 12196-7, 12204-16, 12232, 12254, 12375, 16391-4, 16401-4, 16421-2, 16443
- Holography and optical data processing applications;** Jerusalem, Israel, 23-26 Aug. 1976, (Internat. Comm. Optics) E.Morom, A.A.Friesem, E.Wiener-Avneer (editor/s), [Oxford, England: Pergamon 1977] 33712 (introductory abstract), 32793-4, 32868-70, 33689-97, 33713-14, 34226, 37009, 37050-1, 37083, 37122, 37803, 37808, 37817-22, 37843-61, 37952-3, 37964-5, 38039-42, 38070-1, 38153, 38436, 38905, 39680, 40017-18, 40288-9, 40389, 40415, 40454, 45679
- Hot electrons in semiconductors;** Denton, TX, USA, 6-8 July 1977, [Jan. 1978] 26868 (introductory abstract), 26856, 26869-75, 26905, 26977, 27231, 27318-19, 30929-37, 30940-3, 30954-7, 30980, 30993-8, 31198-9, 31217, 31248-50, 31259
- Human factors;** San Francisco, CA, USA, 17-20 Oct. 1977, A.S.Neal, R.F.Palasek (editor/s), [Santa Monica, CA, USA: Human Factors Society 1977, \$15.00 members, \$20.00 non-members] 48742 (introductory abstract), 48791
- Hyperfine interactions;** Madison, NJ, USA, 13-17 June 1977, [Jan.-Feb. 1978] 39076 (introductory abstract), 37261-2, 37265-85, 37303-4, 37309-10, 37325, 37564-6, 37582, 37594-5, 37759-61, 37770, 37772, 38752, 39051, 39070, 39077, 39229, 39412, 39437, 39450-78, 39487-91, 42244, 43317, 43340-5, 43586, 43651-3, 43660, 43663, 43675-6, 43697-744, 43758-62, 44449-51, 44739, 44806, 47748-50, 48085-93
- Industrial applications of power;** Los Angeles, CA, USA, 2-6 Oct. 1977, (IEEE) [New York, USA: IEEE 1977] 16819, 16890, 18364, 19423, 25402, 26005, 28125
- Inertial confinement fusion;** San Diego, CA, USA, 7-9 Feb. 1978, (Optical Soc. America; Quantum Electronics Council) [Washington, DC, USA: Optical Soc. America 1977] 46171 (introductory abstract), 46172-4, 46649-68, 46691, 46706, 47127-9, 47143, 47186
- Information theory (1977);** Ithaca, NY., USA, 10-14 Oct. 1977, (IEEE; Union Radio Scientifique Internationale) [New York, USA: IEEE 1977] 28933
- Instruments operation in adverse environments;** London, England, 4-5 Oct. 1976, (Inst. Phys., Inst. Measurement and Control; IEE) J.Knight (editor/s), [Bristol, England: Inst. Phys. 1977] 189 (introductory abstract), 172, 823, 4077
- Integrated and guided wave optics;** Salt Lake City, UT, USA, 16-18 Jan. 1977, (IEEE; Optical Soc. America) [Washington, DC, USA: Optical Soc. America 1977] 38072 (introductory abstract), 37071-2, 37862, 37887, 37907-12, 37918, 37935, 38043-62, 38073-91, 38099-101
- Interaction of radiation with condensed matter;** Trieste, Italy, 14 Jan. - 26 March 1976, [Vienna, Austria: IAEA 1977] 27172 (introductory abstract),
- Interaction of radiation with condensed matter.I;** Trieste, Italy, 14 Jan. - 26 March 1976, [Vienna, Austria: IAEA 1977] 24690, 25843, 25918, 26638, 26826, 27026, 27278, 27374-5
- Interaction of radiation with condensed matter.II;** Trieste, Italy, 14 Jan. - 26 March 1976, [Vienna, Austria: IAEA 1977] 24870, 25989-92, 26901, 27031, 27173, 27263, 27323, 27875, 31219, 35118
- Intercalation compounds of graphite;** La Napoule, France, 23-27 May 1977, [Dec. 1977] 27428 (introductory abstract), 26489, 26538-42, 26692-3, 26744, 26836-9, 27429-46, 27780, 27820-2, 30596-7, 30860-1, 31050, 31213, 31354-6, 34574, 34743-4, 35050-1, 35130-1, 35163
- International Society of Electrochemistry meeting;** Zurich, Switzerland, 6-11 Sept. 1976, [Sept. 1977] 20021 (introductory abstract), 18807-11, 19528, 19937, 20022-4, 20056-9
- Interstellar Matter;** Grenoble, France, Aug. 1976, (IAU) H.van Woerden (editor/s), [Dordrecht, Holland: Reidel 1977, \$30.00] 16504 (introductory abstract), 16400, 16505-18, 16537-44, 16582
- Laminar-turbulent transitions;** Lyngby, Denmark, 2-4 May 1977, [Neuilly-sur-Seine, France: AGARD 1977] 38278 (introductory

- abstract), 38274-6, 38279-90, 38293-4, 38332-4, 38337, 38357, 38361, 38367-9, 38437-8
- Large scale atmospheric process simulation;** Hamburg, Germany, 30 Aug. - 4 Sept. 1976, [1977] 11952-9, 11986, 11998
- Laser and electrooptical systems;** San Diego, CA, USA, 7-9 Feb. 1978, (*IEEE; Optical Soc. America*) [New York, USA: IEEE 1978] 42340 (introductory abstract), 42296-7, 42308-9, 42360, 42365, 42367-8, 42370, 42386, 42393, 42460-4, 42476, 45242, 45602, 45680, 45729, 46182, 46515, 46531-3, 46551-2, 46569-70, 46586, 46593, 46597, 46638-48, 46684, 46700-2, 46705, 46709, 46752-3, 46814-37, 46853, 48831, 48862-8, 48911, 48921-2, 48951, 49181-2
- Laser engineering;** Washington, DC, USA, 1-3 June 1977, (*IEEE; Optical Soc. America*) [15 March 1978] 46610 (introductory abstract), 46461, 46537-8, 46615, 46671-2, 46703, 46760-1, 46839-40, 48557, 49145
- Laser engineering and applications;** Washington, D.C., USA, 1-3 June 1977, (*IEEE; Optical Soc. America*) [Sept. 1977] 1213-14, 1234, 1327, 3974
- Laser engineering and applications;** Washington, DC, USA, 1-3 June 1977, (*IEEE; Optical Soc. America*) [Feb. 1978] 29159, 29936, 29963-9, 29979, 29989, 30002, 30016, 30058, 31285, 31741
- Laser opto-electronics 77;** Munich, Germany, 20-24 June 1977, W.Waidelich (editor/s), [IPC Sci. Technol. Press 1977] 33739 (introductory abstract), 32790-2, 32807, 32875, 32893-5, 32900, 32932, 33290, 33491, 33548, 33638, 33688, 33707-11, 33728, 33736-7, 33751-4, 33757, 33765-7, 33781, 33792, 33911-13, 33933, 34224-5, 35229, 35628, 35732, 35776, 35876, 35885, 35904-18, 36025-6, 36083-4, 36284, 36333-8, 36476, 37082, 38038, 40268, 40287, 40325, 40665
- Laser spectroscopy;** Les Houches, France, 30 June - 26 July 1975, R.Balian, S.Haroche, S.Liberman (editor/s), [Amsterdam, Netherlands: North-Holland 1977] 301 (introductory abstract),
- Laser spectroscopy.II;** Les Houches, France, 30 June - 26 July 1975, R.Balian, S.Haroche, S.Liberman (editor/s), [Amsterdam, Netherlands: North-Holland 1977] 8455, 9201, 9208-9, 9212, 9277-80, 9408, 9419
- Laser spectroscopy.I;** Les Houches, France, 30 June - 26 July 1975, R.Balian, S.Haroche, S.Liberman (editor/s), [Amsterdam, Netherlands: North-Holland 1977] 302-3, 940-2, 962, 1033, 1112, 1200, 1202
- Light scattering;** New Orleans, LA, USA, 22-24 March 1977, [Feb. 1978] 33670 (introductory abstract), 33671-4, 34429, 34694, 34699, 35154-7, 35715, 35798, 35838, 37807
- Liquid crystals;** Kent, Ohio, USA, 23-27 Aug. 1976, [1977] 1983-97, 2103, 2240, 2255, 2790, 2798, 3445-6
- Low lying lattice vibrational modes;** San Juan, Puerto Rico, 1-5 Dec. 1975, (*Univ. Puerto Rico; Nat. Sci. Found; et al*) [1977] 10131 (introductory abstract), 8208, 10033, 10114, 10133-4, 10156-9, 10164-5, 10378, 10422, 10591-2, 10851-2, 10855-6, 14321-2, 14333, 14410-12, 14424-5, 14434-6, 14441-3, 14458-9, 14644, 14662, 14680, 14770, 14847-54, 14867-71, 14877, 14888, 14903, 14917, 15024, 15104-6, 15108-15, 15130, 15159-62, 15176-8, 15310
- Low lying lattice vibrational modes;** San Juan, Puerto Rico, 1-5 Dec. 1975, (*Univ. Puerto Rico; Nat. Sci. Found; et al*) [1977] 14334, 14413, 14423, 14426-30, 14460, 14647, 14703, 14715, 14757, 14855-6, 14872, 14880-2, 14884, 14964, 15082, 15090, 15102, 15116-26, 15131-2, 15163, 15199
- Luminescence;** Szeged, Hungary, 24-26 Aug. 1976, [1977] 27279 (introductory abstract), 25522, 25582, 25869-75, 25902-3, 27280-92
- Magnetic materials and devices;** Los Angeles, Calif., USA, 6-9 June 1977, (*IEEE*) [Sept. 1977] 2706, 2743, 3008, 3062
- Magnetism, Munster;** Munster, Germany, 9-11 March 1977, [Aug.-Oct. 1977] 10626 (introductory abstract), 8425, 10637, 10655-6, 10661-4, 10676-7, 10681-2, 10693-6, 10719-20, 10724-8, 10735, 10799-800, 10878, 10928, 12731-2, 13643, 14912, 14925, 14929-34, 14938, 14944, 14958-60, 14970-3, 14978-9, 14984-8, 14990-1, 14995-7, 15002, 15008, 15027-8, 15037-8, 15075, 15151, 15164, 15285-6, 15618
- Manufacturing technology;** Delhi, India, 29 Aug. - 3 Sept. 1977, [1977] 4590 (introductory abstract), 4591-3, 4682, 5663
- Matrix isolation spectroscopy;** Berlin, Germany, June 1977, [Jan. 1978] 46319 (introductory abstract), 45721-3, 45739-40, 46287-91, 46320, 46329-40, 46346, 46352, 46374-9, 46381-2, 46416, 46425-6, 46462, 46476, 47397, 48156, 48271, 48635
- Medical care computer applications;** Washington, D.C., USA, 3-5 Oct. 1977, (*IEEE; Medical Coll. Va., George Washington Univ. Medical Center*) [New York, USA: IEEE 1977] 31931-2, 31955, 31994, 35948-53, 35994-6002, 36015-19, 36044, 40385
- Medical computing;** Toulouse, France, 22-25 March 1977, M.Laudet, J.Anderson, F.Beyon (editor/s), [London, England: Taylor & Francis 1977] £30.00 [36003 (introductory abstract), 35791, 36020-2
- Mercury and the Moon;** Houston, TX, USA, 15-17 Nov. 1976, [Nov. 1977] 12126 (introductory abstract), 12115-23, 12125, 12127-30, 16320, 16324
- Metallurgical coatings;** San Francisco, Calif., USA, 28 March - 1 April 1977, [15 Aug. 1977] 2394 (introductory abstract), 171, 184, 197, 1165, 1319, 1364, 2303, 2308, 2381, 2395-9, 2415, 2560, 2565-8, 2575, 2584, 2597, 2937, 3046-7, 3259-60, 3433
- Metallurgical coatings;** San Francisco, Calif., USA, 28 March - 1 April 1977, [1 Sept. 1977] 8895, 8974, 10301-2, 10310, 11110, 11367-70, 11424-34, 11752, 15347, 15562, 15590-3
- Metallurgical coatings;** San Francisco, Calif., USA, 28 March - 1 April 1977, [15 Sept. 1977] 10303-4, 11111, 11113-15, 11130-3, 11165, 11371-4, 11435-42
- Microscopy;** Reston, VA., USA, 18-21 April 1977, (*Soc. Photo-Optical Instrumentation Engrs.; Soc. Photographic Sci. & Engrs.*) R.L.Whitman (editor/s), [Bellingham, Wa., USA: Soc. Photo-Optical Instrumentation Engrs. 1977] 45683 (introductory abstract), 45619, 45684-90, 46534, 46877-8, 48738-40, 48869, 48952, 49184
- Microwave technology;** San Diego, Calif., USA, 21-23 June 1977, (*IEEE*) [New York, USA: IEEE 1977] 5478 (introductory abstract), 5444, 5468-9, 5584, 7387-8, 7422, 7531, 8447, 11715, 11742-3, 11761, 21179-80, 24115-16, 24172, 24178-80
- Mineral industries applications of [computers] and operations research;** Brisbane, Australia, 4-8 July 1977, (*Australasian Inst. Mining & Metallurgy; Australian Computer Soc.; Australian Soc. Operations Res.*) [Parkville, Victoria, Australia: Australasian Inst. Mining & Metallurgy 1977] 7639, 7819-20
- Mining, mineral and [metal processing automation];** Johannesburg, South Africa, 13-17 Sept. 1976, (*IFAC*) [Johannesburg, South Africa: Chamber of Mines of South Africa 1977] 32853, 35076, 35706-7, 35777-8
- Modelling and simulation.I;** Pittsburgh, PA, USA, 26-27 April 1976, (*Univ. Pittsburgh; ISA; et al*) W.G.Vogt, M.H.Mickle (editor/s), [Pittsburgh, PA, USA: ISA 1976] 20357, 20498, 24351, 24437
- Modelling and simulation.II;** Pittsburgh, Pa., USA, 26-27 April 1976, (*Univ. Pittsburgh; ISA; et al*) W.G.Vogt, M.H.Mickle (editor/s), [Pittsburgh, Pa., USA: ISA 1976] 29570-1, 29616-20, 31759-60, 31806-7, 31811, 31821, 31833, 32221
- Mossbauer spectroscopy workshop;** Argonne, IL, USA, 1977, [1977] 24903 (introductory abstract), 24904-9, 25109, 25145-7, 25372-8, 27120-7
- Multiphonon recombination processes;** Towcester, England, 11 Nov. 1976, [Oct. 1977] 6750 (introductory abstract), 6751-3, 10396, 10973
- Multivariable technological systems;** Fredericton, N.B., Canada, 4-8 July 1977, (*IFAC*) [Oxford, England: Pergamon Press 1977] 8947-9
- Navigation and position system propagation limitations;** Istanbul, Turkey, 20-22 Oct. 1976, (*AGARD*) [Neuilly sur Seine, France: AGARD 1977] 7747, 7831-5, 7839
- Non-crystalline solids;** Clausthal, Germany, Sept. 1976, (*Deutsche Forschungsgemeinschaft; Tech. Univ. Clausthal*) [Aedermannsdorf, Switzerland: Trans Tech. SA 1977] 22654 (introductory abstract), 21253, 22655-7, 22665-8, 22671-3, 22787, 22806, 22835-6, 22873, 23013, 23052-3, 23094-7, 23121, 23123, 23137, 23142, 23187, 23331-3, 23343, 23358, 23399-400, 23428, 23469-74, 23550, 23553, 23622, 23756, 23826-30, 25885, 25938, 26058-60, 26442, 26633, 26650, 26661-2, 26672-4, 26720, 26732-4, 26737-8, 26854, 27107, 27158-9, 27175, 27179, 27238, 27276-7, 27337, 27588, 28228, 30703, 30724, 30738, 30793, 30800, 30999, 31146, 31417-18, 31447, 34653
- NTC '77 conference record.I;** Los Angeles, CA, USA, 5-7 Dec. 1977, (*IEEE; et al*) [New York, USA: IEEE 1977] 42430-7, 44510, 45060, 45198, 46862
- NTC '77 conference record.II;** Los Angeles, CA, USA, 5-7 Dec. 1977, (*IEEE; et al*) [New York, USA: IEEE 1977] 46796-8
- NTC '77 Conference record.III;** Los Angeles, CA, USA, 5-7 Dec. 1977, (*IEEE; et al*) [New York, USA: IEEE 1977] 46799
- Nuclear and space radiation effects;** Williamsburg, VA, USA, 12-15 July 1977, (*IEEE*) [Dec. 1977] 26594 (introductory abstract), 26956-61, 27654, 28096, 29158, 29674, 29677, 29690, 29719, 30055-7, 30668-70, 30927, 31296-9, 31740, 32144, 35924
- Nuclear CdTe and HgI₂ detectors;** Jerusalem, Israel, 7-8 June 1977, [15 March 1978] 41887 (introductory abstract), 41888-97, 41902, 44591-3
- Nuclear collisions;** Bled, Yugoslavia, 26 Sept. - 1 Oct. 1977, [1977] 563 (introductory abstract), 491, 523, 525-6, 529-31, 564-6, 581, 593, 615-17, 625-33
- Nuclear collisions and their microscopic description;** Bled, Yugoslavia, 26 Sept. - 1 Oct. 1977, [1977] 45829, 46018, 46036-7, 46043, 46084-9, 46252, 46410
- Nuclear physics;** Portoroz, Yugoslavia, 4-6 Nov. 1976, [1977] 12937 (introductory abstract), 12590, 12841, 12857, 12874, 12906, 12912-13, 12931, 12939-40, 12973-5, 12994-5, 13009, 13022-3, 13026, 13029-31, 13036, 13038-9, 13054, 13056-7, 13063, 13087-8, 13109-10, 13122, 13134, 13158-9, 13168-70, 13368-9, 13380, 13437, 13477, 16008, 16768, 16812, 17033, 17048, 17136, 17143, 17191-3, 17216-18, 17454, 17463, 17480-2, 17536, 19002, 19383-4, 20107-13, 20248-52, 20273, 20321, 20407-8, 20447, 20504, 20539-40
- Nuclear physics;** Mickolajki Poland, 30 Aug. - 11 Sept. 1976, [1977] 21484 (introductory abstract), 21503, 21539, 21599-600, 22055
- Nuclear science and nuclear power systems;** San Francisco, CA, USA, 19-21 Oct. 1977, (*IEEE*) [Feb. 1978] 33304 (introductory abstract), 33240, 33262-5, 33284-5, 33292, 33361, 33377-82, 33399-402, 36301, 36980-5, 37061, 37119, 37395-7, 37417-18, 37448-9, 37468-9, 37479-82, 37485-524, 37526-7, 37529-32, 38162, 38425, 39052, 39658, 39683, 40295-309, 40331, 40398, 40791-2, 40819-27, 45759, 46147-8, 46177-9, 46206, 46214-17, 46230, 46236-7, 46244-51, 48870-2, 49020, 49126-7, 49160, 49321-2
- Oceans '77;** Los Angeles, CA, USA, 17-19 Oct. 1977, (*IEEE; Marine Technol. Soc.*) [New York, USA: IEEE 1977] 36193 (introductory abstract),
- Oceans '77.I;** Los Angeles, CA, USA, 17-19 Oct. 1977, (*IEEE; Marine Technol. Soc.*) [New York, USA: IEEE 1977] 33942-5, 33959-60, 33985, 35520, 36194-6, 36287-9, 36319-29, 36439
- Oceans '77.II;** Los Angeles, CA, USA, 17-19 Oct. 1977, (*IEEE; Marine Technol. Soc.*) [New York, USA: IEEE 1977] 45040 (introductory abstract), 44874-7, 44884-5, 44891, 45003-5, 45041-57
- Optical communication;** Munchen, Germany, 14-16 Sept. 1977, [1977] 33854 (introductory abstract), 33855-90, 33926-30, 37883-6, 37903-5, 37921-3, 38008-17, 38069, 38095-7
- Optical detection in liquid chromatography;** Loughborough, England, 11-12 July 1977, [Oct. 1977] 48732 (introductory abstract), 45675, 45706-9, 48733-6
- Optical fibre transmission;** Williamsburg, Va., USA, 22-24 Feb. 1977, (*Optical Soc. America; IEEE*) [Washington, DC, USA: Optical Soc. America 1977] 1382 (introductory abstract), 1233, 1264-6, 1383-425, 1444-50, 5498, 5582, 5593-4
- Optical fibres, integrated optics and their military applications;** London, England, 16-20 May 1977, H.Hodara (editor/s), [Neuilly-sur-Seine, France: AGARD 1977] 38063 (introductory abstract), 38064-5, 42355-8, 42438-59, 42468-75, 42481-2, 46550, 46636-7, 46808-13
- Optical phenomena in infrared materials;** Annapolis, MD, USA, 1-3 Dec. 1976, [Nov. 1977] 25933 (introductory abstract), 24839, 24847, 24850, 24856, 24864, 25794, 25904-14, 25934-5, 25940, 25954-5, 26708, 26775, 27174, 27182, 27197, 27249, 27324, 27339-40
- Optical techniques in magnetic resonance spectroscopy;** Dublin, Ireland, 29 Aug. - 1 Sept. 1977, [1978] 43683 (introductory abstract), 43637, 43684-94, 43907-8, 48040
- Organic conductors and semiconductors;** Siofok, Hungary, 30 Aug. - 3 Sept. 1976, (*Hungarian Acad. Sci; Central Res. Inst. Phys.; Lorand Eotvos Phys. Soc.*) L.Pal, G.Gruner, A.Janossy, J.Solyom (editor/s), [Siofok, Hungary: Springer-Verlag 1977] 6284 (introductory abstract), 6047, 6136, 6254, 6256-7, 6273, 6285-307, 6313-15, 6317, 6358-70, 6383, 6391, 6474, 6476, 6503, 6505, 6511-12, 6530, 6601, 6690-1, 6704, 6832, 10144, 10328, 10373, 10381, 10430, 10797, 10825
- Otway region;** Melbourne, Australia, 9 Oct. 1975, [28 July 1977] 20415

- (introductory abstract), 20390, 20416-18, 20449, 20501
- Palaeomagnetism**; Amsterdam, Netherlands, 8-10 Sept. 1976, [Jan. 1978] 28164 (introductory abstract), 28165-70, 28348-9
- Petrology and metamorphism**; Sydney, Australia, Aug. 1976, [15 Nov. 1977] 44821 (introductory abstract), 44808-11
- Phase diagram and thermochemical calculations**; Harwell, England, 18-21 April 1977, [1977] 35350 (introductory abstract), 34460, 34757, 35351-2
- Photoreceptor transduction mechanism**; Julich, Germany, 4-8 Oct. 1976, [1977] 15764-6, 15771-4, 15782, 15829-37, 15858
- Photovoltaic technology**; Baton Rouge, LA, USA, 15-18 Nov. 1976, (*IEEE*) [New York, USA: *IEEE* 1976] 34556, 34836, 34847, 34911, 35297-9, 35316, 35629-30, 38743, 39205-6, 39227, 39240-1, 39692-3, 39822, 39935, 40720, 40797-8
- Physical and technical acoustics**; Parnu, USSR, 15-16 April 1976, [Jan.-Feb. 1977] 1451 (introductory abstract), 1461-2, 1468-71, 1485-6, 1652, 1688, 3807
- Physical and technical acoustics**; Zvenigorodskii, USSR, 26-27 Sept. 1977, [May-June 1977] 18081 (introductory abstract), 18098-103, 18110-13
- Planetary sciences**; Honolulu, Hawaii, USA, 19-22 Jan. 1977, [1977] 4127 (introductory abstract)
- Plasma chemistry**; Rome, Italy, 18-23 Sept. 1975, [1976] 3336 (introductory abstract), 3070, 3337-8
- Plasma science**; Troy, N.Y., USA, 23-25 May 1977, (*IEEE; Rensselaer Polytech. Inst.*) [New York, USA: *IEEE* 1977, \$20.00] 1880-1, 1915, 5033-43, 5457-9, 5467, 5470, 5502, 5853-4, 5867-70, 5899-908, 5921, 5946-51, 8975-89, 9014-21, 9357, 9360-4, 9404, 9759, 9766-8, 9781-7, 9797, 9802-3, 9810-14, 9819-22, 9825-7, 9849-52, 9856-67, 9890-6, 13329-41, 13367, 14161-2, 14186, 14190-1, 14196-7, 14217-20, 14224-7
- Power plant cooling circuits**; Royamaumont, France, 23-26 May 1976, [1977] 22388-90, 22 02-3, 26183
- Power systems and apparatus**; Mexico City, Mexico, 17-22 July 1977, (*IEEE*) [New York, USA: *IEEE* 1977] 31856
- Power transmission**; Chicago, ILL, USA, 26-28 Oct. 1976, (*Illinois Inst. Technol.*) [Chicago, Ill., USA: *Illinois Inst. Technol.* 1976] 190
- Programmable Instruments**; Teddington, England, 22-24 Nov. 1977, [London, England: *IERE* 1977] 31956, 31995
- Properties of atomic defects in [metals]**; Argonne, IL, USA, 18-22 Oct. 1976, [Feb. 1978] 47318 (introductory abstract), 45754, 47219, 47314-16, 47319-69, 47380, 47409-16, 47421-6, 47429-36, 47440-4, 47455, 47551, 47555-7, 47561-74, 47589-97, 47608, 47692, 47730, 47774, 48253, 48407-8, 48432, 48462
- Pulsed power**; Lubbock, Tex., USA, 9-11 Nov. 1976, (*IEEE*) [New York, USA: *IEEE* 1976] 5044-6, 5087, 5416, 5479-83, 5957-8, 8910, 8990-1, 9389-91, 9769, 9897, 13342, 13720
- Radar 1977**; London, England, 25-28 Oct. 1977, (*IEE*) [London, England: *IEE* 1977] 24395 (introductory abstract), 24396-8
- Radar devices, techniques and systems**; The Hague, Netherlands, 14-17 June 1976, (*AGARD*) [Neuilly sur Seine: *AGARD* 1977] 12028
- Radiation effects in semiconductors 1976**; Dubrovnik, Yugoslavia, 6-9 Sept. 1976, (*IUPAP; et al.*) N.B.Urli, J.W.Corbett (*editors*), [London, England: *Inst. Phys.* 1977, £22.00] 2116-17, 2158, 2162-4, 2175-6, 2448-50, 2497, 2561, 5099, 6053, 6081-2, 6113-14, 6399-400, 6689, 6718-20, 6788
- Radiation therapy**; Las Vegas, Nev., USA, 24-28 April 1977, [April 1977] 3583 (introductory abstract)
- Radioastronomy and cosmology**; Cambridge, England, 16-20 Aug. 1976, D.L.Jauncey (*editor/s*), [Dordrecht, Netherlands: Reidel 1977] 28871 (introductory abstract), 28541-4, 28798-800, 28806, 28813-34, 28841-5, 28864-6, 28872-3
- Radiobiological responses at [low doses]**; San Francisco, Calif., USA, 29 June 1977, [July 1977] 15862 (introductory abstract), 15863-7
- Reaction mechanisms, models and computers**; New Orleans, LA, USA, 20-25 March 1977, [15 Dec. 1977] 48645 (introductory abstract), 45463-4, 46434, 46473, 47065-6, 48620-31, 48646-7, 48654-5, 48666, 48677, 48688, 49084-5, 49202
- Reactor operating experience**; Chattanooga, Tenn., USA, 7-10 Aug. 1977, [1977] 17266 (introductory abstract), 17389-96, 17405-11, 21636, 21699-732, 21741-3, 21753-8, 22750, 23915
- Reliability engineering**; Ottawa, Ontario, Canada, 13-14 Oct. 1977, (*Soc. Reliability Engr(s)*) [Jan. 1978] 41820, 42570
- Scanning electron microscopy**; Chicago, Ill., USA, 28 March - 1 April 1977, (*ITT Res. Inst.*) [Chicago, Ill., USA: *IIT Res. Inst.* 1977] 21281 (introductory abstract), 21282-305, 22610-12, 22944-5, 23109, 23177, 23536-7, 23881-2, 23916-18, 23999-4014, 24183-4, 24197-215
- Semiconducting ferroelectrics**; Rostov-on-Don, USSR, 1976, [1978] 43800 (introductory abstract), 42300-1, 43381-2, 43434-6, 43765, 43773, 43798, 43801-5, 43812-14, 43826-7, 43829, 43832-3, 43892, 47781, 47817, 47828, 48119-20, 48123-4, 48135, 48145
- Semiconductor microlithography**; San Jose, CA, USA, 4-5 April 1977, J.W.Griffin, B.Ruff (*editor/s*), [Bellingham, WA, USA: *Soc. Photo-Optical Instrumentation Engrs.* 1977] 46754, 46844
- Signal processing**; Portovenere, Italy, 30 Aug. - 11 Sept. 1976, (*NATO*) G.Tacconi (*editor/s*), [Dordrecht, Netherlands: Reidel 1977] 5614 (introductory abstract)
- Signal processing.I**; Portovenere, Italy, 30 Aug. - 11 Sept. 1976, (*NATO*) G.Tacconi (*editor/s*), [Dordrecht, Netherlands: Reidel 1977] 4491, 5602-7, 5615, 5621-2, 7818
- Signal processings.II**; Portovenere, Italy, 30 Aug. - 11 Sept. 1976, (*NATO*) G.Tacconi (*editor/s*), [Dordrecht, Netherlands: Reidel 1977] 7418
- Simulation.I**; Gaithersburg, MD, USA, 5-7 Dec. 1977, [Washington, DC, USA: *Nat. Bur. Standards* 1977] 41847
- Simulation.II**; Gaithersburg, MD, USA, 5-7 Dec. 1977, [Washington, DC, USA: *Nat. Bur. Standards* 1977] 44892, 45058
- Solid state nuclear track detectors**; Neuherberg/Munich, Germany, Oct. 1976, [15 Nov. 1977] 13097, 13151, 13161-2, 13178-9, 13377, 13390-1, 17198, 17234, 17245, 17286, 17466, 17484-501, 17538, 20129, 20267, 20277-84, 20414, 20553-6, 20596-9, 20603
- Solid state nuclear track detectors**; Neuherberg/Munich, Germany, Oct. 1976, [1977] 17513 (introductory abstract), 17514-28, 20233-6, 20269, 20287-8, 20295-7, 20604
- Solid state physics**; Taiwan, 7 April 1977, [Summer 1977] 10314 (introductory abstract), 10038, 10355, 10738, 10912, 11550, 14696, 14963
- Solid state physics**; Munster, Germany, 7-12 March 1977, J.Treusch (*editor/s*), [Braunschweig, Germany: Friedr. Vieweg & Sohn 1977] 2401 (introductory abstract), 2006, 2064, 2184, 2378, 2409, 2437, 2476, 2696, 2914, 3074, 4710, 6128, 6515
- Space**; Washington, D.C., USA, 6-8 Oct. 1976, (*American Astronaut. Soc.; AIAA; Smithsonian Instn.*) W.C.Schneider (*editor/s*), [San Diego, Calif., USA: *American Astronaut. Soc.* 1977] 4078 (introductory abstract)
- Space Shuttle uses for science and engineering**; Moffett Field, CA., USA, 9-11 May 1977, [Nov.-Dec. 1977] 36426 (introductory abstract), 32825, 35242-3, 35246, 35295-6, 35304, 35317, 35325, 35755-6, 36427-33
- Spectroscopy**; Grenoble, France, 15-19 Sept. 1975, [1976] 3424 (introductory abstract), 293, 1026, 2782, 3425-6
- Standardization in [spectrophotometry] and [luminescence measurements]**; Gaithersburg, MD, USA, 19-20 Nov. 1975, K.D.Mielenz, R.A.Velapoldi, R.Mavrodineanu (*editor/s*), [Washington, DC, USA: *Nat. Bur. Standards* 1977] 32846 (introductory abstract), 32847-52, 32859-60, 32892, 32898-9, 35205, 35217, 36081, 36438
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- Structural mechanics in [reactor technology]**; San Francisco, CA, USA, 15-19 Aug. 1977, [March 1978] 41874 (introductory abstract), 41805, 41833, 41875-8, 42531, 42544-7, 42552, 44182, 44212-13, 44300, 46142
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- Surface science**; York, England, 27-30 March 1977, [Nov. 1977] 14540 (introductory abstract), 12797, 14253, 14364, 14551-60, 14583-605, 14632, 14784-6, 14791, 14949, 15263, 15271-5, 15288-96, 15476, 15559, 15584-6, 15648, 15710, 15748, 18900-1
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- Weak interactions in elementary particles nuclear, and astrophysics**; Bloomington USA, 16-17 May 1977, [1977] 414 (introductory abstract), 488, 553-5, 4171, 4822, 4850, 4865, 8038, 8177
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- Wire and cable**; Cherry Hill, NJ, USA, 16-18 Nov. 1976, (*US Army Electronics Command*) [Fort Monmouth, N.J., USA: *US Army Electronics Command* 1976] 9456-60, 11485
- X-ray analysis, 1976**; Denver, Colo., USA, 4-6 Aug. 1976, (*Univ. Denver*) H.F.McMurdie, C.S.Barrett, et al. (*editor/s*), [New York, USA: *Plenum* 1977] 4750-4, 5710-17, 7002, 7053, 7163-4, 7309-14
- X-ray imaging**; Reston, VA, USA, 18-21 April 1977, (*Soc. Photo-Optical Instrumentation Engrs.; Soc. Photographic Sci. & Engrs.*) R.C.Chase, G.Kuswa (*editor/s*), [Bellingham, WA, USA: *Soc. Photo-Optical Instrumentation Engrs.* 1977] 45762 (introductory abstract), 45746, 45763-8, 47173-81, 49329-33, 49341-2, 49567
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University of Bergen. Distribution address: Box 307, Blindern, Oslo 3, Norway

ABU Tech. Rev. (Japan) — (ABUTAU)
ABU Technical Review Asian Broadcasting Union, Broadcasting Centre, 2-2-1 Jinnan, Shibuya-ku, Tokyo 150, Japan

ACEC Rev. (Belgium) — (ACECA8)
ACEC Review Ateliers de Constructions Electriques de Charleroi, ACEC-VPV, B.P.4, 6000 Marcinelle-Charleroi, Belgium

ACM Trans. Database Syst. (USA) — (ATDSD3)
ACM Transactions on Database Systems Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA

ACM Trans. Math. Software (USA) — (ACMSCU)
ACM Transactions on Mathematical Software Association for Computing Machinery, P.O. Box 12105, Church Street Station, New York, NY 10249, USA

Acta Astron. (Poland) — (AASWAM)
Acta Astronomica ARS Polona-Ruch, Warszawa 1, P.O. Box 154, Poland

Acta Astron. Sin. (China) — (TIWHAO)
Acta Astronomica Sinica Chinese Astronomical Society, Nanking, People's Republic of China [English translations of selected articles in: *Chin. Astron. (GB)*]

Acta Astronaut. (GB) — (AASTCF)
Acta Astronautica Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England

Acta Cienc. Indica — (ACIDBW)
Acta Ciencia Indica Pragati Prakashan, Begum Bridge, Post Box No. 62, Meerut-250001, India

Acta Cient. (Argentina) — (ACINBS)
Acta Cientifica Instituto de Investigaciones Cientificas y Tecnicas de las Fuerzas Armadas (CITEFA), Tres de Febrero 1250, San Martin, Buenos Aires, Argentina

Acta Crystallogr. Sect. A (Denmark) — (ACACBN)
Acta Crystallographica Section A: Crystal Physics, Diffraction, Theoretical and General Crystallography Munksgaard International Booksellers and Publishers Ltd., 35 Norre Sogade, DK 1370 Kobenhavn K, Denmark

Acta Crystallogr. Sect. B (Denmark) — (ACBCAR)
Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry Munksgaard International Booksellers and Publishers Ltd., 35 Norre Sogade, DK 1370 Kobenhavn K, Denmark

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Acta Geophysica Polonica ARS Polona-Ruch, 00-068 Warszawa, Krakowskie Przedmiescie 7, P.O. Box 1001, Poland

Acta Geophys. Sin. (China) — (TCWHAG)
Acta Geophysica Sinica Academia Sinica, Institute of Geophysics, Peking, Peoples Republic of China [English translation in: *Acta Geophys. Sin. (USA)*]

Acta Geophys. Sin. (USA) — (TCWHAG)
Acta Geophysica Sinica [Translation of: *Acta Geophys. Sin. (China)*] Plenum/China Program, 227 West 17th Street, New York, NY 10011, USA

Acta Inf. (Germany) — (AINFA2)
Acta Informatica Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany

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Acta Manilana. Series A University of Santo Tomas Research Centre, Manila D-403, Philippines

Acta Mech. (Austria) — (AMHCAP)
Acta Mechanica Springer-Verlag, Molkerbastei 5, Postfach 367, A-1011 Wien, Austria

Acta Metall. (USA) — (AMETAR)
Acta Metallurgica Box 1088 Schenectady, NY. Publisher: Pergamon Press, Maxwell House, Fairview Park, Elmsford, NY 10523, USA

Acta Metall. Sin. (China) — (CHSPA4)
Acta Metallurgica Sinica Chinese Metallurgical Society, Peking, People's Republic of China

Acta Mex. Cienc. & Tecnol. (Mexico) — (AMXCB4)
Acta Mexicana de Ciencia y Tecnologia Consejo Editorial Del Instituto Politecnico Nacional. Prolongacion De Diaz Miron Y Plan De San Luis, Apartado Postal 42-161, Mexico 17, DF, Mexico

Acta Phys. Acad. Sci. Hung. (Hungary) — (APAHAQ)
Acta Physica Academiae Scientiarum Hungaricae Subscription address: Kultura Hungarian Trading Co. for Books and Newspapers, 1389 Budapest 62, P.O. Box 149, Hungary

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Acta Physica Austriaca Springer-Verlag, Molkerbastei 5, Postfach 367, A-1011 Wien, Austria

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Acta Physica Slovaca VEDA Publishing House of the Slovak Academy of Sciences, 895 30 Bratislava, Klemensova 27, Czechoslovakia

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Acta Physiologica Polonica Panstwowy Zaklad Wydawnictw Lekarskich, Warszawa, Ul. Długa 38-40, Poland

Acta Politec. Mex. (Mexico) — (APTMAY)

Acta Politecnica Mexicana Instituto Politecnico Nacional, Apartado Postal 42-161, Mexico 17 D.F, Mexico

Acta Polytech. Ceske Vys. Ucení Tech. v Pr. III (Czechoslovakia) — (APTECC)

Acta Polytechnica Ceske Vysoke Ucení Technické v Prace III Elektrotechnická fakulta CVUT v Prace, Technická ul. 2, Praha 6-Dejvice, Czechoslovakia

Acta Polytech. Scand. (Finland) — (APYEAZ)

Acta Polytechnica Scandinavica Finnish Academy of Technical Sciences, Lonnrotinkatu 37, 00180 Helsinki 18, Finland

Acta Radiol. Ther. Phys. Biol. (Sweden) — (ATHBA3)

Acta Radiologica: Therapy Physics Biology Vasagatan 12, S-11120 Stockholm, Sweden

Acta Tech. Acad. Sci. Hung. (Hungary) — (ATSHA8)

Acta Technica Academiae Scientiarum Hungaricae Magyar Tudományos Akademia, Alkotmany utca 21, Budapest 5, Hungary

Acta Tech. CSAV (Czechoslovakia) — (ATCVA4)

Acta Technica CSAV Akademia, Publishing House of the Czechoslovak Academy of Sciences, Vodickova 40, 112 29 Praha 1, Czechoslovakia. John Benjamins N.V., Periodical Trade, Warmoesstraat 54, Amsterdam, Netherlands

Acta Univ. Szeged. Acta Phys. & Chem. (Hungary) — (AUSHAF)

Acta Universitatis Szegediensis, Acta Physica et Chemica Jozef Attila Tudományegyetem Természettudomány Kara, Szeged, Aradi Vertanuk Tere 1, Hungary

Acustica (Germany) — (ACUSAY)

Acustica S. Hirzel Verlag K-G, Postfach 347, 7 Stuttgart-N, Germany

Adhes. Age (USA) — (ADHAAO)

Adhesives Age Palmerton Publishing Co. Inc., 461 Eighth Avenue, New York, NY 10001, USA

ADL-Nachr. (Germany) — (ADLNAF)

ADL-Nachrichten Title changed to: *Online-ADL-Nachr. (Germany)*

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- Autom. Mach. (USA)** — (AUMAAB)
Automatic Machining Screw Machine Publishing Co. Inc., 65 Broad Street, Rochester, NY 14614, USA
- Autom. Monit. & Meas. (GB)** — (AUMMC2)
Automatic Monitoring and Measuring [Translation of: *Avtometriya (USSR)*] Scientific Information Consultants Ltd., 661 Finchley Road, London NW2 2HN, England
- Autom. Syst. Rizeni (Czechoslovakia)** — (ASRID2)
Automatizovane Systémy Rizeni-Bulletin INORGa INORGa, Praha 1, Letenská Ul. 17, Czechoslovakia
- Autom. Weld. (GB)** — (AUWEAQ)
Automatic Welding [Translation of: *Avtom. Svarka (USSR)*] Welding Institute, Abington Hall, Abington, Cambridge CB1 6AL, England
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Automatica Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
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- Automation (USA)** — (ATMNAU)
Automation Title changed to: *Prod. Eng. (USA)*
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Automatisme Dunod/Gauthier-Villars, Centrale des Revues, 24-26 Boulevard de L'Hopital, 75005 Paris, France
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Automatica Gordon and Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- AV Commun. Rev. (USA)** — (AVCRD9)
AV Communication Review Association for Educational Communications and Technology, 1126 16th Street, N.W., Washington, DC 20036, USA
- Avh. Nor. Vidensk.-Akad. Oslo I (Norway)** — (AUNVAW)
Avhandlingar utgitt av det Norske Videnskaps-Akademi i Oslo, I. Matematisk-Naturvidenskaplige Klasse Faculty of Mathematics and Science, University of Oslo, Blindern per Oslo, Norway
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Aviation Review Smiths Industries Ltd., Aviation Division, Cricklewood, London NW2 6JN, England
- Avtom. & Telemekh. (USSR)** — (AVTEAI)
Avtomatika i Telemekhanika Akademii Nauk SSSR, Leninskii Prospekt 14, Moskva, USSR [English translation in: *Autom. & Remote Control (USA)*]
- Avtom. & Vychisl. Tekh. (USSR)** — (AVYTAK)
Avtomatika i Vychislitel'naya Tekhnika Academy of Sciences of Latvian SSR, Riga, USSR [English translation in: *Autom. Control & Comput. Sci. (USA)*]
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Automaticheskaya Svarka Ukrainian SSR Academy of Sciences, Arc Welding Institute, Kiev, USSR [English translation in: *Autom. Weld. (GB)*]
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Avtomatika, Telemekhanika, Svyaz' 262 Karl Marx Street, 11 Moskva, USSR
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Avtometriya Science Publishing House, Siberian Division, Novosibirsk, USSR [English translation in: *Autom. Monit. & Meas. (GB)*]
- AWA Tech. Rev. (Australia)** — (AWARA3)
AWA Technical Review AWA Research Laboratories, 422 Lane Cove Road, North Ryde, N.S.W., Australia
- Bangladesh J. Sci. & Ind. Res.** — (BJSIBL)
Bangladesh Journal of Scientific and Industrial Research Bangladesh Council of Scientific and Industrial Research, Dacca, Bangladesh
- Bauelem. Elektrotech. (Germany)** — (BEETAG)
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Bell Journal of Economics Formerly: *Bell J. Econ. & Manage. Sci. (USA)* American Telephone and Telegraph Co., 195 Broadway, Room C 1800, New York, NY 10007, USA
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Biofizika Izdatel'stvo 'Nauka', Moskva, USSR [English translation in: *Bio-physics (GB)*]
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Biophysical Journal Rockefeller University Press, 1230 York Avenue, New York, NY 10021, USA
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Boundary-Layer Meteorology D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
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Bulletin of the Academy of Sciences of the USSR, Physical Series [Translation of: *Izv. Akad. Nauk SSSR Ser. Fiz.*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
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Bulletin Technique Vevey Ateliers de Constructions Mecaniques de Vevey SA, Vevey, Switzerland

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- Elektrowaerme Int. Ed. A (Germany)** — (ELWIBK)
Elektrowaerme International, Edition A Title changed to: *ETA Elektrowaerme Tech. Ausbau Ed. A (Germany)*
- Elektrowaerme Int. Ed. B (Germany)** — (ELWIBK)
Elektrowaerme International, Edition B Vulkan-Verlag Dr. W. Classen Nachf. GmbH & Co. KG, D43 Essen, Haus der Technik, Postfach 7049, Germany
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- Endeavour New Ser. (GB)**
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Engineering Cybernetics [Translation of: *Tekh. Kibern. (USSR)*] Scripta Publishing Corp., 1511 K Street N.W., Washington, DC 20005, USA
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Ericsson Technics L.M. Ericsson, S-126 11 Stockholm 32, Sweden
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ESA Bulletin ESA Space Documentation Service, 8-10 rue Mario Nikis, 75738 Paris Cedex 15, France
- ESA J. (Netherlands)**
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- ESA Sci. & Tech. Rev. (Netherlands)**
ESA Scientific and Technical Review Title changed to: *ESA J. (Netherlands)*
- Escher Wyss News (Switzerland)** — (ESWNAF)
Escher Wyss News Escher Wyss Ltd., 8023 Zurich, Switzerland
- ETA Elektrowärme Tech. Ausbau Ed. A (Germany)**
ETA Elektrowärme im Technischen Ausbau Edition A Formerly: *Elektrowärme Int. Ed. A (Germany)* Vulkan-Verlag Dr W. Classen Nachf. GmbH & Co. KG, D 43 Essen 1, Haus der Technik, Postfach 7049, Germany
- Euromicro Newsl. (France)** — (EUNEDS)
Euromicro Newsletter European Association for Microprocessing and Microprogramming, BP 233, 60206 Compiègne, France. North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
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Fizika i Tekhnika Poluprovodnikov Publisher: Academy of Sciences of the USSR, 'Nauka' Press, Moscow and Leningrad. Subscription address: Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Sov. Phys.-Semicond. (USA)*]
- Fiz. Elem. Chastits & At. Yadra (USSR)** — (FECAAR)
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Fluid Mechanics - Soviet Research Scripta Publishing Corp., 1511 K Street, N.W., Washington, DC 20005, USA
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Foundations of Physics Plenum Publishing Co., 227 West 17th Street, New York, NY 10011, USA
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- Geomagn. & Aeron. (USSR)** — (GEAE46)
Geomagnetizm i Aeronomiya Akademiya Nauk SSSR, Leninskii Prospekt 14, Moskva, USSR [English translation in: *Geomagn. & Aeron. (USA)*]
- Geomagn. Ser. Earth Phys. Branch (Canada)** — (GSGCDT)
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Geophysical Fluid Dynamics Title changed to: *Geophys. & Astrophys. Fluid Dyn. (GB)*
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Geophysical Surveys D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
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- GTE Autom. Electr. Tech. J. (USA)** — (GTEABI)
GTE Automatic Electric Technical Journal Title changed to: *GTE Autom. Electr. J. (USA)*
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KDD Technical Journal International Communications Research Institute, Tokyo, Japan
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- Kvantovaya Elektron., Moskva (USSR)** — (KVEKA3)
Kvantovaya Elektronika Sovetskoe Radio, Moskva, Glavpochtamt, p/y 693, USSR [English translation in: *Sov. J. Quantum Electron. (USA)*]
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- Mar. Technol. (Germany)** — (MARTA4)
Marine Technology (Meerestechnik) Title changed to: *MT Meerestech. (Germany)*
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Military Electronics/Countermeasures Formerly: *Electron. Electro-Optic Infrared Countermeas. (USA)* Hamilton Burr Publishing Co., 2065 Martin Avenue, Suite 104, Santa Clara, CA 95050, USA
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NHK Technical Journal NHK Technical Research Laboratories, Broadcasting Science Research Laboratories, 1-10-11 Kinuta, Setagaya-ku, Tokyo, Japan

NHK Tech. Monogr. (Japan) — (NHOKAM)

NHK Technical Monograph Nippon Hoso Kyokai (Japan Broadcasting Corporation), 361 Kinuta-machi, Setagaya-ku, Tokyo, Japan

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Noise Control Engineering Institute of Noise Control Engineering. Editorial address: Ray W. Herrick Laboratories, Purdue University, West Lafayette, IN 47907, USA
- Noise Control Vib. & Insul. (GB)** — (NCVIDJ)
Noise Control, Vibration and Insulation Title changed to: *Noise Control Vib. Isol. (GB)*
- Noise Control Vib. Isol. (GB)**
Noise Control, Vibration Isolation Formerly: *Noise Control Vib. & Insul. (GB)* Trade & Technical Press Ltd., Crown House, Morden, Surrey, SM4, England
- Nonlinear Anal. Theory, Methods & Appl. (GB)** — (NOANDD)
Nonlinear Analysis Theory, Methods & Applications Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Nonlinear Vibr. Probl. (Poland)**
Nonlinear Vibration Problems (Zagadnienia Drgan Nieliniowych) Formerly: *Zagadnienia Drgan Nieliniowych (Poland)* Editorial address: 00-049 Warszawa, Swietokrzyska 21, Poland
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Norelco Reporter Philips Electronic Instruments, 750 South Fulton Avenue, Mount Vernon, NY 10550, USA
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NORMA Technische Informationen NORMA Messtechnik Gesellschaft m.b.H., A-1111 Wien, Postfach 88, Fickesstrasse 1-11, Austria
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- Note Recens. & Not. (Italy)** — (NRNOAV)
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- Notre Dame J. Formal Logic (USA)** — (NDJFAM)
Notre Dame Journal of Formal Logic University of Notre Dame, P.O. Box 5, Notre Dame, IN 46556, USA
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Nouvelle Revue d'Optique Title changed to: *J. Opt. (France)*
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NTG-Fachberichte VDE-Verlag GmbH, 1000 Berlin 12, Bismarckstrasse 33, Germany
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Nuclear Data Sheets Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
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Nuclear Engineering and Design North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
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Nuclear Engineering International IPC Electrical-Electronic Press Ltd., Dorset House, Stamford Street, London, SE1 9LU, England
- Nucl. Fusion (Austria)** — (NUFUAU)
Nuclear Fusion (Fusion Nucleaire - Yadernyi Sintex - Fusion Nuclear) Journal of Plasma Physics and Thermonuclear Fusion International Atomic Energy Agency, Kamtnerring 11, P.O. Box 590, A-1011 Wien, Austria
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Nuclear Instruments and Methods North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
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Nuclear News American Nuclear Society, 244 Ogden Avenue, Hinsdale, IL 60521, USA
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Nuclear Physics, Volume A North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Nucl. Phys. Vol. B (Netherlands)** — (NUPBBO)
Nuclear Physics, Volume B North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Nucl. Sci. & Eng. (USA)** — (NSENAO)
Nuclear Science and Engineering. Journal of the American Nuclear Society American Nuclear Society, 244 East Ogden Avenue, Hinsdale, IL 60521, USA
- Nucl. Technol. (USA)** — (NUTYBB)
Nuclear Technology American Nuclear Society, 244 East Ogden Avenue, Hinsdale, IL 60521, USA
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Nuclear Track Detection Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
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Nucleus Pakistan Atomic Energy Commission, P.O. Box 3112, Karachi-29, Pakistan
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Oceanology [Translation of: *Okeanologiya (USSR)*] American Geophysical Union, 1909 K Street, N.W., Washington, DC 20036, USA
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Ogneupory Moskva G-34, 2-i, Obl'denskii, rep. 14, USSR [English translation in: *Refractories (USA)*]
- Okeanologiya (USSR)** — (OKNOAR)
Okeanologiya 2 ya Tilografiya Iadateltstva 'Nauka', Moskva, Shchybiiskii lep. 10, USSR [English translation in: *Oceanology (USA)*]
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Operational Research Quarterly Title changed to: *J. Oper. Res. Soc. (GB)*
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Operations Research Verfahren-Methods of Operations Research Verlag Anton Hain K.G., Meisenheim am Glan, Germany
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Opsearch Operational Research Society of India. Editorial address: Defence Science Laboratory, Metcalfe House, Delhi-110054, India
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Optics and Laser Technology Formerly: *Opt. Technol. (GB)* IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England
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Optics and Spectroscopy [Translation of: *Opt. & Spektrosk. (USSR)*] Optical Society of America, 335 East 45th Street, New York, NY 10017, USA
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Optika i Spektroskopiya Akademiya Nauk SSSR, Leninskii Prospekt 14, Moskva, USSR [English translation in: *Opt. & Spectrosc. (USA)*]
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Pakistan Journal of Science Pakistan Association for the Advancement of Science, 14 Shah Jamal Scheme, Lahore 12, Pakistan
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Perkin-Elmer NMR Quarterly Perkin-Elmer Ltd., Beaconsfield, Bucks, England
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Philips Telecommunication Review Philips' Telecommunicatie Industrie B.V., P.O. Box 82, Hilversum, Netherlands
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Philosophical Magazine B (Physics of Condensed Matter, Electronic, Optical and Magnetic Properties) Taylor & Francis Ltd., 10-14 Macklin Street, London, WC2B 5NF, England
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Physics and Chemistry of Glasses (Section B of the Journal of the Society of Glass Technology) Society of Glass Technology, Thornton, Hallam Gate Road, Sheffield, S10 5BT, England
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Physics of Fluids American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Phys. Lett. Vol. A (Netherlands)** — (PYLAAG)
Physics Letters. Volume A North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Phys. Lett. Vol. B (Netherlands)** — (PYLBAJ)
Physics Letters. Volume B North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
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Physics in Medicine and Biology Institute of Physics, 47 Belgrave Square, London, SW1X 8QX, England
- Phys. Met. & Metallogr. (GB)** — (PHMMA6)
Physics of Metals and Metallography [Translation of: *Fiz. Met. & Metalloved. (USSR)*] Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Phys. Norv. (Norway)** — (PHNOAH)
Physica Norvegica Institute of Physics, University of Oslo, Blindern, per Oslo, Norway
- Phys. Rep. Phys. Lett. Sect. C (Netherlands)** — (PRPLCM)
Physics Reports. Physics Letters Section C North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
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Pis'ma v Astronomicheskoe Zhurnal Agent: Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Sov. Astron. Lett. (USA)*]
- Pis'ma v Zh. Eksp. & Teor. Fiz. (USSR)** — (PZETAB)
Pis'ma v Zhurnal Eksperimental'noi i Teoreticheskoi Fiziki Formerly: *Zh. Eksp. & Teor. Fiz. Pis'ma v Red. (USSR)* Akademiya Nauk SSSR, Lenin'skii Prospekt 14, Moskva, USSR [English translation in: *JETP Lett. (USA)*]
- Pis'ma v Zh. Tekh. Fiz. (USSR)** — (PZTFDD)
Pis'ma v Zhurnal Tekhnicheskoi Fiziki Izdatel'stvo 'Nauka', Leningrad, USSR [English translation in: *Sov. Tech. Phys. Lett. (USA)*]
- PLA Bull. (USA)** — (PLBABC)
PLA Bulletin Pennsylvania Library Association. Editorial address: Mine Safety Appliances Co., Library, Pittsburgh, PA 15208, USA
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Planetary and Space Science Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
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Polymer Mechanics [Translation of: *Mekh. Polim. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
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Polymer News Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
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Polymer Science U.S.S.R [Translation of: *Vysokomol. Soedin. Ser. A (USSR)*] Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
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Russian Metallurgy [Translation of: *Izv. Akad. Nauk. SSSR Met.*] Scientific Information Consultants Ltd., 661 Finchley Road, London, NW2 2HN, England
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Teknisk Tidskrift Ingenjorsforlaget AB, Box 5703, 114 87 Stockholm, Sweden
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Teknisk Ukeblad Norske Ingeniørforening og den Polytekniske Forening, Kronprinsensgate 17, Oslo 1, Norway
- Tekh. Kibernet. (USSR)** — (TEKIB8)
Tekhnicheskaya Kibernetika Akademiya Nauk SSSR, Leninskii Prospekt. 14, Moskva, USSR [English translation in: *Eng. Cybern. (USA)*]
- Tekh. Kino & Telev. (USSR)** — (TKTEAE)
Tekhnika Kino i Televideniya Leningradskii Prospekt 47, Moskva A-167, USSR
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Tekhnicheskaya Misul Bulgarska Akademiya na Naukite, Kv. Geo Milev, Ul. 36, BAN, IV Blok, Sofia, Bulgaria
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Tekscope Tektronix Inc., P.O. Box 500, Beaverton, OR 97005, USA
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Tele (Swedish Edition) Marbackagatan 11, 123 86 Farsta, Sweden
- Telecommun. & Radio Eng. Part 1 (USA)** — (TCREAG)
Telecommunications and Radio Engineering Part 1: Telecommunications [Translation of: *Elektrosvyaz (USSR)*] Scripta Publishing Corp., 1511 K Street N.W., Washington, DC 20005, USA
- Telecommun. & Radio Eng. Part 2 (USA)** — (TCREAG)
Telecommunications and Radio Engineering, Part 2: Radio Engineering [Translation of: *Radiotekhnika, Moskva (USSR)*] Scripta Publishing Corp., 1511 K Street N.W., Washington, DC 20005, USA
- Telecommun. J. (Engl. Ed.) (Switzerland)** — (TCJOA6)
Telecommunication Journal (English Edition) International Telecommunications Union, Place des Nations, 1211 Geneva 20, Switzerland
- Telecommun. J. Aust. (Australia)** — (TCJAAW)
Telecommunication Journal of Australia Telecommunication Society of Australia, Box 4050, GPO Melbourne, 3001, Victoria, Australia
- Telecommun. Policy (GB)**
Telecommunications Policy IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England
- Telecommunications (India)** — (TCMSAX)
Telecommunications Telecommunication Training Centre Building, Ridge Road, Jabalpur 6 (MP), India
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Telecomunicazioni Societa Italiana Telecomunicazioni Siemens s.p.a., 20149 Milano, Piazzale Zavattari 12, Italy
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Telefon Report Siemens AG, 8000 München 25, Machtlfinger Strasse 10, Postfach 700079, Germany
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Telegraaf en Telefoon Vereniging van Hoger Personeel der PTT. Perestraat 187, Den Haag, Netherlands
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Telekomunikacije Zajednica JPPT, Beograd, Palmotice va 2, Yugoslavia
- Teletronikk (Norway)** — (TKTKAW)
Teletronikk Telegrafstyrets Bibliotek, Kongensgt. 21, Oslo, Norway
- Teleph. Eng. & Manage. (USA)** — (TPEMAW)
Telephone Engineer and Management Harcourt Brace Jovanovich Publications, 402 West Liberty Drive, Wheaton, IL 60187, USA
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Telephony Telephony Publishing Corp., 53 W. Jackson Boulevard, Chicago, IL 60604, USA
- Telesis (Canada)** — (NOETAE)
Telesis Bell-Northern Research, P.O. Box 3511, Station 'C', Ottawa, Ontario K1Y 4H7, Canada
- Teleteknik (Engl. Ed.) (Denmark)** — (TLKKAS)
Teleteknik (English Edition) 16 Kannikegade, DK 8000 Aarhus C, Denmark
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Telettra Laboratori di Telefonica Elettronica e Radio, Via Trento 30, Vimercate, Milano, Italy
- Television (GB)** — (TVSCAC)
Television IPC Magazines Ltd., Fleetway House, Farringdon Street, London, EC4 4AD, England
- Television (J. R. Telev. Soc.) (GB)** — (TELED3)
Television (Journal of the Royal Television Society) Tavistock House East, Tavistock Square, London, WC1H 9HR, England
- Tellus (Sweden)** — (TELLAL)
Tellus Svenska Geofysiska Foreningen, Arrhenius Laboratoriet, S-106 91 Stockholm, Sweden
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Telonde Thomson-CSF, BP 2000, 78-Versailles, France

- Teor. & Eksp. Khim. (USSR)** — (TEKHA4)
Teoreticheskaya i Eksperimental'naya Khimiya Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Theor. & Exp. Chem. (USA)*]
- Teor. & Mat. Fiz. (USSR)** — (TMFZAL)
Teoreticheskaya i Matematicheskaya Fizika Editorial address: Department of Theoretical Physics, Institute of Mathematics, Academy of Sciences of the USSR, Moscow, USSR [English translation in: *Theor. & Math. Phys. (USA)*]
- Teor. Veroyatn. & Primen. (USSR)** — (TVPRA8)
Teoriya Veroyatnostei i ee Primeneniya Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Theory Probab. & Appl. (USA)*]
- Teplotenenergetika (USSR)** — (TPLOA5)
Teplotenenergetika Krasnokasarmennaya ul., d. 14, Moskva, E-250, USSR [English translation in: *Therm. Eng. (GB)*]
- Teplotfiz. & Teplotekh. (USSR)** — (TFTTAO)
Teplotfizika i Teplotekhnika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR
- Teplotfiz. Vys. Temp. (USSR)** — (TVYTAP)
Teplotfizika Vysokikh Temperatur Akademiya Nauk SSSR. 17 Korpus 2, Moskva E-250, USSR [English translation in: *High Temp. (USA)*]
- TESLA Electron. (Czechoslovakia)** — (TNPTAQ)
TESLA Electronics TESLA Electronics and Telecommunications, Karlovo nam. 7, Praha 2, Czechoslovakia
- Texas J. Sci. (USA)** — (TJSCAU)
Texas Journal of Science The Talley Press, San Angelo, Texas, USA
- Texture (GB)** — (TXTRB9)
 Texture Title changed to: *Texture Cryst. Solids (GB)*
- Texture Cryst. Solids (GB)**
Texture of Crystalline Solids Formerly: *Texture (GB)* Gordon and Breach Science Publishers Ltd., 41 and 42 William IV Street, London WC2, England
- Theor. & Exp. Chem. (USA)** — (TEXCAK)
Theoretical and Experimental Chemistry [Translation of: *Teor. & Eksp. Khim. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Theor. & Math. Phys. (USA)** — (TMPHAH)
Theoretical and Mathematical Physics [Translation of: *Teor. & Mat. Fiz. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Theor. Chim. Acta (Germany)** — (TCHAAH)
Theoretica Chimica Acta Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany
- Theor. Comput. Sci. (Netherlands)** — (TCSCDI)
Theoretical Computer Science North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Theory Probab. & Appl. (USA)** — (TPRBAU)
Theory of Probability and its Applications [Translation of: *Teor. Veroyatn. & Primen. (USSR)*] Society for Industrial and Applied Mathematics, 33 South 17th Street, Philadelphia, PA 19103, USA
- Therm. Eng. (GB)** — (THENAD)
Thermal Engineering [Translation of: *Teplotenenergetika (USSR)*] Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Thin Solid Films (Switzerland)** — (THSFAP)
Thin Solid Films Elsevier Sequoia, P.O. Box 851, 1001 Lausanne 1, Switzerland
- Tidskr. Dok. (Sweden)** — (TDDKA5)
Tidskrift for Dokumentation Tekniska Litteratursallskapet, Box 5073, 161 11 Bromma 11, Sweden
- Tijdschr. Ned. Elektron.- & Radiogenoot. (Netherlands)** — (NERTA9)
Tijdschrift van het Nederlands Elektronica- en Radiogenootschap Postbus 39, Leidschendam, Netherlands
- Toim. Eesti NSV Tead. Akad. Fuus. Mat. (USSR)** — (ETFMB3)
Eesti NSV Teaduste Akadeemia. Toimetised. Fuusika, Matemaatika Sakala 3, Tallinn, Estonia, USSR
- Tokyo Astron. Bull. (Japan)** — (TKABAC)
Tokyo Astronomical Bulletin Tokyo Astronomical Observatory, University of Tokyo, Mitaka, Tokyo, Japan
- Tokyo Astron. Obs. Rep. (Japan)** — (TAORAO)
Tokyo Astronomical Observatory Report University of Tokyo, Mitaka, Tokyo, Japan
- Tokyo Astron. Obs. Time & Latitude Bull. (Japan)** — (TATLBY)
Tokyo Astronomical Observatory Time and Latitude Bulletins Mitaka, Tokyo, Japan
- Tool. & Prod. (USA)** — (TOPRAR)
Tooling and Production Huebner Publications, 5821 Harper Road, Solon, OH 44139, USA
- Toshiba Rev. (Int. Ed.) (Japan)** — (TRIEA8)
Toshiba Review (International Edition) Tokyo Shibaura Electric Co., 1, Komukai Toshiba-Cho, Kawasaki, Japan
- Toute Electron. (France)** — (TOELAM)
Toute l'Electronique Societe des Editions Radio, 9 rue Jacob, 75006 Paris, France
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Traffic Engineering & Control Printerhall Ltd., 29 Newman Street, London, W1P 3PE, England
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Transactions and Journal of the British Ceramic Society Shelton House, Stoke-on-Trent, England
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Transactions of the American Nuclear Society 244 East Ogden Avenue, Hinsdale, IL 60521, USA
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Transactions of the ASME. Series A, Journal of Engineering for Power Title changed to: *Trans. ASME. J. Eng. Power (USA)*
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- Trans. ASME Ser. H, J. Eng. Mater. & Technol. (USA)** — (JEMTA8)
Transactions of the ASME. Series H, Journal of Engineering Materials and Technology American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. ASME Ser. I, J. Fluids Eng. (USA)** — (JFEGA4)
Transactions of the ASME. Series I, Journal of Fluids Engineering American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
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Transactions of the ASME. Series J, Journal of Pressure Vessel Technology American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. ASME Ser. K, J. Biomech. Eng. (USA)**
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- Trans. ASME. J. Eng. Power (USA)**
Transactions of the ASME. Journal of Engineering for Power Formerly: *Trans. ASME Ser. A, J. Eng. Power (USA)* American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. ASME. J. Mech. Des. (USA)**
Transaction of the ASME. Journal of Mechanical Design American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
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Transactions of the Bose Research Institute 93/1 Acharya Prafulla Chandra Road, Calcutta 9, India
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Transactions of the Electric Supply Authority Engineers' Institute of New Zealand Inc P.O. Box 3047, Wellington, New Zealand
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Transactions of the Institute of Electrical Engineers of Japan Denshi Tsushin Gakkai, Yuraku-cho, Chiyoda-ku, Tokyo, Japan [English translation in: *Electr. Eng. Jpn. (USA)*]
- Trans. Inst. Electron. & Commun. Eng. Jpn. Part A (Japan)** — (DTGABT)
Transactions of the Institute of Electronics and Communication Engineers of Japan, Part A Denshi Tsushin Gakkai, Kikai-Shinko-kaikan Bldg., Shiba Park 21-1-5, Minatoku, Tokyo, Japan. English translation of selected articles appear in *Electron. & Commun. Jap. (USA)* and *Syst. Comput. Control (USA)*
- Trans. Inst. Electron. & Commun. Eng. Jpn. Part B (Japan)** — (DTGBBW)
Transactions of the Institute of Electronics and Communication Engineers of Japan, Part B Denshi Tsushin Gakkai, Kikai-Shinko-kaikan Bldg., Shiba Park 21-1-5, Minatoku, Tokyo, Japan. English translation of selected articles appear in *Electron. & Commun. Jap. (USA)* and *Syst. Comput. Control (USA)*
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Transactions of the Institute of Electronics and Communication Engineers of Japan, Part C Denshi Tsushin Gakkai, Kikai-Shinko-kaikan Bldg., Shiba Park 21-1-5, Minatoku, Tokyo, Japan. English translation of selected articles appear in *Electron. & Commun. Jap. (USA)* and *Syst. Comput. Control (USA)*
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- Trans. Inst. Electron. & Commun. Eng. Jpn. Sect. E (Japan)** — (TIEEDU)
Transactions of the Institute of Electronics and Communication Engineers of Japan, Section E (English) Kikai-Shinko-Kaikan, 5-8 Shibakoen 3-chome, Minato-ku, Tokyo 105, Japan. Contains original contributions in English and abridged version in English of papers and letters published in Japanese in *Trans. Inst. Electron. & Commun. Eng. Jpn. Parts A, B, C and D (Japan)*
- Trans. Inst. Met. Finish. (GB)** — (TIMFA2)
Transactions of the Institute of Metal Finishing 178 Goswell Road, London, EC1, England
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Transactions of the International Association for Mathematics and Computers in Simulation Title changed to: *Math. & Comput. Simulation (Netherlands)*
- Trans. Jpn. Inst. Met. (Japan)** — (TJIMAA)
Transactions of the Japan Institute of Metals Japan Institute of Metals, Aoba Araniaki, Sendai 980, Japan
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Transactions of National Research Institute for Metals 3-12, 2-chome, Nakameguro, Meguro-ku, Tokyo, Japan
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Transactions of the North East Coast Institution of Engineers and Shipbuilders Bolbec Hall, Westgate Road, Newcastle-upon-Tyne, NE1 1TB, England
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Transactions of the Royal Society of Canada (Memoires de la Societe Royale du Canada) National Library, 395 Wellington Street, Ottawa 4, Canada. University of Toronto Press, Toronto 5, Ontario
- Trans. Rhod. Sci. Assoc. (Rhodesia)** — (TRSADF)
Transactions of the Rhodesia Scientific Association M.O. Collins (Pvt) Ltd., P.O. Box 3094, Salisbury, Rhodesia
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Transactions of the Society for Advancement of Electrochemical Science and Technology Ceeccinagar, Karaikudi-3, Tamil Nadu, India
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Transactions of the Society of Instrument and Control Engineers Kotohira Annex, 39 Kotohira-cho Shiba, Minato-ku, Tokyo 105, Japan
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Transactions of the Society of Rheology Interscience Publishers, 605 Third Avenue, New York, NY 10016, USA
- Trans. Tech. Sect. Can. Pulp & Pap. Assoc. (Canada)** — (TSCPDL)
Transactions of the Technical Section, Canadian Pulp and Paper Association 2300 Sun Life Building, Montreal, Quebec H3B 2X9, Canada

- Transelektro News (Hungary)** — (TREKBT)
Transelektro News Hungarian Trading Co. for Electrical Equipment and Supplies, Budapest 62, PO Box 337, Hungary
- Transm. & Distrib. (USA)** — (TRDIAT)
Transmission and Distribution Cleworth Publishing Co., One River Road, Cos Cob, CT 16807, USA
- Transp. Plann. & Technol. (GB)** — (TPLTAK)
Transport Planning and Technology Gordon and Breach Science Publications Ltd. 41 and 42 William IV Street, London, WC2, England
- Transp. Res. (GB)** — (TRREBK)
Transportation Research Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Transp. Sci. (USA)** — (TRSCBJ)
Transportation Science Operations Research Society of America, 428 East Preston Street, Baltimore, MD 21202, USA
- Transp. Theory & Stat. Phys. (USA)** — (TTSPB4)
Transport Theory and Statistical Physics Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA
- Tribology Int. (GB)** — (TRBIBK)
Tribology International IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England
- Tud. & Musz. Tajek. (Hungary)** — (TMTAAG)
Tudományos és Muszaki Tajekoztatás Országos Muszaki Könyvtár és Dokumentációs Központ, Budapest VIII, Múzeum utca 17, Hungary
- Ukr. Fiz. Zh. (USSR)** — (UFIZAW)
Ukrayins'kyi Fizychnyi Zhurnal 'Naukova Dumka', Kiev, Repina 3, USSR
- Ultramicroscopy (Netherlands)** — (ULTRD6)
Ultramicroscopy North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Ultrasonics (GB)** — (ULTRA3)
Ultrasonics IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England
- Ultrasound Med. & Biol. (GB)** — (USMBA3)
Ultrasound in Medicine & Biology Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Umsch. Wiss. & Tech. (Germany)** — (UWTCZA)
Umschau in Wissenschaft und Technik Umschau Verlag, Stuttgarter Strasse 18-24, 6 Frankfurt am Main, Germany
- Und-oder-Nor & Steuerungstech. (Germany)** — (UONSDY)
Und-oder-Nor & Steuerungstechnik Distribution-Verlag GmbH, 65 Mainz, Lessingstrasse 12-14, Germany
- Unesco Bull. Libr. (France)** — (UNBLAB)
Unesco Bulletin for Libraries United Nations Educational, Scientific and Cultural Organization, Place de Fontenoy, 75 Paris-7, France
- Union Burma J. Sci. & Technol.** — (UBJSAM)
Union of Burma Journal of Science and Technology Union of Burma Applied Research Institute, Yankin P.O., Rangoon, Burma
- Univ. Tripoli Bull. Fac. Eng. (Libya)** — (BFETDQ)
University of Tripoli Bulletin of the Faculty of Engineering P.O. Box 1098, Tripoli, Libya
- Usp. Fiz. Nauk (USSR)** — (UFNAAG)
Uspekhi Fizicheskii Nauk Agent: Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Sov. Phys.-Usp.* (USA)]
- USSR Comput. Math. & Math. Phys. (GB)** — (CMMPA9)
U.S.S.R. Computational Mathematics and Mathematical Physics [Translation of: *Zh. Vychisl. Mat. & Mat. Fiz.* (USSR)] Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- UV Spectrom. Group Bull. (GB)** — (UVSGAZ)
UV Spectrometry Group Bulletin Formerly: *Photoelectr. Spectrom. Group Bull.* (GB) c/o Pye Unicam Ltd., York Street, Cambridge, CB1 2PX, England
- Vac News (India)** — (VACNBB)
Vac News Indian Vacuum Society. K.N.Jha, Technical Physics Division, Bhabha Atomic Research Centre, Bombay-4000 085, India
- Vacuum (GB)** — (VACUAV)
Vacuum Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- VDE Fachber. (Germany)** — (VDEFAH)
VDE Fachberichte Verband Deutscher Elektrotechniker, Bismarckstrasse 33, 1000 Berlin 12, Germany
- VDI Z. (Germany)** — (VDIZAT)
VDI Zeitschrift Verlag des Vereins Deutscher Ingenieure, Graf-Recke Strasse 84, 4 Dusseldorf 1, Germany
- Veh. Syst. Dyn. (Netherlands)** — (VSDYA4)
Vehicle System Dynamics Swets & Zeitlinger N.V., 347B Heereweg, Lisse, Netherlands
- Verh. Dtsch. Phys. Ges. (Germany)** — (VDPEAZ)
Verhandlungen der Deutschen Physikalischen Gesellschaft 645 Hanau, Heraeusstrasse 9, Germany
- Verh. K. Acad. Wet. Lett. & Schone Kunsten Belg. (Belgium)** — (VVABA9)
Verhandelingen van de Koninklijke Academie voor Wetenschappen, Letteren en Schone Kunsten van België Paleis der Academien, Hertogstraat 1, Bruxelles, Belgium
- Verkstaderna (Sweden)** — (VSTDAL)
Verkstaderna Storgatan 5, Box 5510, 114 85 Stockholm 5, Sweden
- Vertica (GB)** — (VERTDW)
Vertica Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Vestn. Leningr. Univ. Fiz. & Khim. (USSR)** — (VLUFBI)
Vestnik Leningradskogo Universiteta— Fizika i Khimiya Leningrad University Press, Universitetskaya Nab.7/9, Leningrad B-164, USSR
- Vestn. Leningr. Univ. Ser. Mat. Mekh. & Astron. (USSR)** — (VLUA2)
Vestnik Leningradskogo Universiteta-Seriya; Matematika, Mekhanika i Astronomiya Universitetskaya Nab.7/9, Leningrad B-164, USSR
- Vestn. Mashinostr. (USSR)** — (VMASAV)
Vestnik Mashinostroeniya Mashinostroenie, Prospekt Mira, d. 106, Moskva, GSP-110, USSR [English translation in: *Russ. Eng. J.* (GB)]
- Vestn. Mosk. Univ. Fiz. Astron. (USSR)** — (VMUFAO)
Vestnik Moskovskogo Universiteta — Fizika, Astronomiya Moskva K-9, Ulitsa Gertsena 5/7, USSR [English translation in: *Moscow Univ. Phys. Bull.* (USA)]
- Vestn. Mosk. Univ. Mat. Mekh. (USSR)** — (VMMMA5)
Vestnik Moskovskogo Universiteta. Matematika, Mekhanika Izdatel'stvo Moskovskogo Universiteta, Moskva, K-9, Ul. Gertsena Dom 5/7, USSR
- Vestsi Akad. Navuk BSSR Ser. Fiz. Energ. Navuk** — (VABFAF)
Vestsi Akademii Navuk BSSR. Serya Fizika Energetychnykh Navuk 'Navuk i Tekhnika', Leninski Prospekt 68, Minsk, USSR
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Vignana Bharathi Department of Publications & Extension, Bangalore University, Bangalore 560056, India
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Villamossag Lapkiado Vallalat, Lenin Korut 9-11, Budapest VII, Hungary
- Visible Lang. (USA)** — (VSLGAO)
Visible Language c/o Cleveland Museum of Art, Cleveland, OH 44106, USA
- Vision Res. (GB)** — (VISRAM)
Vision Research Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Vistas Astron. (GB)** — (VASTA6)
Vistas in Astronomy Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Vrashchenie & Prilivnye Deform. Zemli (USSR)** — (VPDZAK)
Vrashchenie i Prilivnye Deformatsii Zemli Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR
- Vychisl. Metody & Program. (USSR)** — (VYMPAU)
Vychislitel'nye Metody i Programirovanie Izdatel'stvo Moskovskogo Universiteta, Moskva, K-9, Ul. Gertsena d. 5/7, USSR
- Vysokomol. Soedin. Ser. A (USSR)** — (VYSAAF)
Vysokomolekulyarnye Soedineniya, Seriya A Akademiya Nauk USSR, Leninskii Prospekt, Moskva, USSR [English translation in: *Polym. Sci. USSR* (GB)]
- Waerne (Germany)** — (WARMAP)
Waerne Adelheidstrasse 28, 8 Munchen 40, Germany
- Waerne- & Stoffuebertrag. (Germany)** — (WASBBW)
Waerne- und Stoffuebertragung Springer-Verlag, 1 Berlin 33, Heidelberger Platz 3, Germany
- Water Resour. Res. (USA)** — (WRERAQ)
Water Resources Research American Geophysical Union, 1909 K Street, N.W., Washington, DC 20006, USA
- Water, Air & Soil Pollut. (Netherlands)** — (WAPLAC)
Water, Air and Soil Pollution D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
- Wave Electron. (Netherlands)** — (WAE LDS)
Wave Electronics Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Wear (Switzerland)** — (WEAR CJ)
Wear Elsevier Sequoia S.A., P.O. Box 851, 1001 Lausanne 1, Switzerland
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Z. Allg. Wissenschaftstheor. (Germany) — (ZAWTA2)

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Zhurnal Prikladnoi Mekhaniki i Tehnicheskoi Fiziki Sovetskaya 20, Novosibirsk, USSR [English translation in: *J. Appl. Mech. & Tech. Phys. (USA)*]

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ZWF Z. Wirtsch. Fertigung (Germany) — (ZTWFAF)

ZWF Zeitschrift für Wirtschaftliche Fertigung Carl Hanser Verlag, Kolbergerstrasse 22, D-8000 München 80, Germany

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Selection of articles from any journal included in the list of Journal depends on the subject of the articles and their quality.

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b	R S B	Б б	r	R S B	Р р
ch	R S B	Ч ч	s	R S B	С с
d	R S B	Д д	sh	R S B	Ш ш
e	R S B	Е е	shch	R	Щ щ
ë	R	Ё ё	sht	B	Щ щ
é	R	Э э	t	R S B	Т т
ê	R B	Ъ ъ	t'	R B	ТЬ ть
f	R S B	Ф ф	t'	S	Ъ ъ
g	R S B	Г г	th	R	Ө ө
i	R S B	И и	ts	R S B	Ц ц
ī	R	І і	t-s	R S B	ТС тс
ï	R B	Й й	u	R S B	У у
j	S	Ї ѳ	ū	B	Ъ ъ
j'	S	Ї ѳ	ū	B	Ж ж
k	R S B	К к	v	R S B	В в
kh	R S B	Х х	y	S	Ј ј
l	R S B	Л л	ȳ	R	Ы ы
l'	R B	Љ љ	ÿ	R	Ѹ Ѹ
l'	S	Љ љ	ya	R B	Я я
m	R S B	М м	yu	R B	Ю ю
n	R S B	Н н	z	R S B	З з
n'	R B	НЬ нь	zh	R S B	Ж ж
n'	S	НЬ нь	'	R	Ъ ъ
o	R S B	О о	'	R B	Ь ь

The use of l', n' and t' in Russian and Bulgarian (where they are not transliterations of a single letter, but merely l, n or t followed by the soft sign) is included to emphasise the fact that they are used for single letters only in Serbian.

'Shch' and 'sht' invariably represent the letter III, in Russian and Bulgarian, respectively, since the pairs of letters (IIIh in Russian and IIIT in Bulgarian) seem never to occur consecutively in the respective languages.

The above table is reproduced, by permission, from the pamphlet 'The transliteration of Russian, Serbian and Bulgarian for bibliographical purposes' published by the Royal Society, Burlington House, London W1 (February 1953, price 5p.). It represents the system at present in use in Science Abstracts for the transliteration of the names of journals and the names of authors of articles abstracted.

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